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Lab06

COMP3123

S1 POST/CREATE NOTES

The screenshot shows the Postman interface for a POST request to `http://localhost:8081/api/notes`. The request body is a JSON object:

```
1  {
2     "content": [
3         "notetitle": "Finish COMP3123 Homework",
4         "notedescription": "Implement CRUD API using Node.js, Express, and MongoDB",
5         "priority": "HIGH",
6         "dateAdded": "13/Oct/2025",
7         "dateUpdated": "13/Oct/2025"
8     ]
9 }
```

The response status is `201 Created`.

S2 GET ALL NOTES

The screenshot shows the Postman interface for a GET request to `http://localhost:8081/api/notes`. The response status is `200 OK` and the body contains a list of notes:

```
1  [
2      {
3          "_id": "68edb12fb4caabd5ca8e5d8a",
4          "notetitle": "Finish COMP3123 Homework",
5          "notedescription": "Implement CRUD API using Node.js, Express, and MongoDB",
6          "priority": "HIGH",
7          "dateAdded": "13/Oct/2025",
8          "dateUpdated": "13/Oct/2025",
9          "__v": 0
10     }
11 ]
```

S3 GET NOTES BY ID

The screenshot shows the Postman interface with the following details:

- Collection:** COMP3123-FullStack
- Request:** GET SINGLE NOTE
- URL:** `http://localhost:8081/api/notes/68edb12fb4caabd5ca8e5dba`
- Body:** JSON (empty)
- Response Status:** 200 OK
- Response Body:**

```
1 {
2     "_id": "68edb12fb4caabd5ca8e5dba",
3     "noteTitle": "Finish COMP3123 Homework",
4     "noteDescription": "Implement CRUD API using Node.js, Express, and MongoDB",
5     "priority": "HIGH",
6     "dateAdded": "13/Oct/2025",
7     "dateUpdated": "13/Oct/2025",
8     "__v": 0
9 }
```

S4 UPDATE NOTES

The screenshot shows the Postman interface with the following details:

- Collection:** COMP3123-FullStack
- Request:** UPDATE NOTE
- URL:** `http://localhost:8081/api/notes/68edb12fb4caabd5ca8e5dba`
- Method:** PUT
- Body:** JSON (contains updated note details)
- Response Status:** 200 OK
- Response Body:**

```
1 {
2     "_id": "68edb12fb4caabd5ca8e5dba",
3     "noteTitle": "Finish COMP3123 Assignment",
4     "noteDescription": "Updated note description with new details",
5     "priority": "MEDIUM",
6     "dateAdded": "13/Oct/2025",
7     "dateUpdated": "14/Oct/2025",
8     "__v": 0
9 }
```

S6 DELETE NOTES

The screenshot shows the Postman application interface. On the left, the sidebar displays collections, environments, flows, and history. The main workspace shows a collection named "COMP3123-FullStack". Within this collection, there is a folder named "Lab-Exercise06" which contains several API endpoints:

- POST POST CREATE NOTE
- GET GET ALL NOTES
- GET GET SINGLE NOTE
- PUT UPDATE NOTE
- DELETE DELETE NOTE

A specific endpoint, "DELETE NOTE", is selected. The request URL is set to `http://localhost:8081/api/notes/68edb12fb4caabd5ca8e5dba`. The "Body" tab is selected, showing the raw JSON response:

```
1  {
2 |   "message": "Note deleted successfully"
3 }
```

The response status is **200 OK**, with a duration of 52 ms and a size of 274 B. The response body is also displayed in the preview and visualize tabs.